



## AGENDA

# SECA Fourth Annual Meeting

April 15-16, 2003  
Bell Harbor International Conference Center  
Seattle, WA

### Tuesday, April 15

7:30 a.m. CONTINENTAL BREAKFAST

8:25 a.m. Opening Remarks

Moderator: Mike Lawrence, Associate  
Laboratory Director, PNNL

8:30 a.m. Welcome

Len Peters, Laboratory Director, PNNL

8:40 a.m. Status of SECA and How It Fits into Fossil Energy's  
Strategy

Rita Bajura, Laboratory Director, NETL

9:15 a.m. Keynote Address: "Effective Utilization of Fossil Fuels: A  
Key to our Energy Future"

The Honorable Maria Cantwell,  
U. S. Senator

9:45 a.m. BREAK

#### ***Expanded Applications of SECA Fuel Cells:***

10:15 a.m. Trucks: Fuel Cell Auxiliary Power Units for Trucks

*Moderator: Gary McVay, PNNL*  
John Garbak, DOE-EE

10:35 a.m. Trucks: Truck of the Future

Margaret Sullivan, PACCAR

10:55 a.m. Aviation: NASA's SECAP Program

Anita Liang, NASA Glenn Research  
Center

11:15 a.m. Aviation: Fuel Cell APU for Commercial Aircraft

David L. Daggett, Boeing Company

11:35 a.m. LUNCH  
Luncheon Speaker: National Energy Issues

The Honorable Norman Dicks,  
U. S. Congressman

#### ***SECA Industrial Team Reports:***

1:00 p.m. (1) General Electric Team

*Moderator: Joe Strakey, NETL*  
Nguyen Q. Minh, General Electric  
Company

1:40 p.m. (2) Cummins/McDermott Team

Daniel A. Norrick, Cummins Power  
Generation

2:20 p.m. BREAK

2:50 p.m. (3) Siemens Westinghouse Team

Shailesh Vora, Siemens-Westinghouse  
Power Corporation

3:30 p.m. (4) Delphi Team

James Zizelman, Delphi Automotive  
Systems

4:10 p.m. RECEPTION/ DISPLAYS  
Fuel Cell Displays by Industrial Teams  
No-Host Bar

Sound Conference Room

6:00 p.m. ADJOURN

(over)



## AGENDA

### Wednesday, April 16:

7:30 a.m. CONTINENTAL BREAKFAST

8:30 a.m. ***Military Applications of Fuel Cells:***  
Army Research Laboratory Fuel Cell Program

*Moderator: Wayne Surdoval, NETL*  
John W. Hopkins, Chief, Power  
Components Branch, Army  
Research Laboratory

8:50 a.m. Office of Naval Research's Fuel Cell Program

Anthony D. Nickens, Office of Naval  
Research, Fuel Cell Project Officer

9:10 a.m. TACOM Fuel Cell Program

Herb Dobbs, Team Leader,  
Alternative Fuels & Fuel Cell  
Technology, TACOM

9:30 a.m. ***Technology Highlights:***  
SECA Core Technology Program (CTP) Overview

*Moderator: Joe Strakey, NETL*  
Prabhakar Singh/Jeffrey Stevenson,  
PNNL

10:30 a.m. BREAK

11:00 a.m. Direct Carbon Conversion Batteries and Fuel Cells

John F. Cooper, LLNL

11:20 a.m. Surface Engineering of Fuel Cell Components Using  
Large Area Filtered Arc Technology

Vladimir Gorokhovskiy, Montana  
State University/Arcomac Surface  
Engineering

11:40 a.m. Hydrogen from Coal

David Gray, Mitretek Systems

12:00 noon Business Strategies for Fuel Cell Distributed Applications

Mira Vowles, Bonneville Power  
Administration

12:20 noon LUNCH

1:30 p.m. ***Environmental Considerations:***  
Panel Discussion: "Environmentally Acceptable Use of  
Fossil Fuels Including the Role of Fuel Cells"

*Moderator: Gary McVay, PNNL*

***Panel Members:***

- Ed Rubin, Director, Center for Energy and  
Environmental Studies, Carnegie Mellon University
- Patrick Mazza, Research Director, Climate Solutions
- B. P. (Pete) McGrail, Chief Scientist, Carbon  
Management Initiative, Pacific Northwest National  
Laboratory
- Vello A. Kuuskraa, President, Advanced Resources  
International, Inc.

Each panel member will speak; the panel will then be  
open for questions and discussion.

3:30 p.m. BREAK

4:00 p.m. Open Questions and Answers about the SECA Meeting  
*Moderator: Joe Strakey, NETL*

U.S. Department of Energy and  
SECA Industrial Team  
Representatives

4:30 p.m. ADJOURN